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Jameco Part Number 207386

SURFBOARDS®

CAPITAL ADVANCED TECHNOLOGIES INC.™

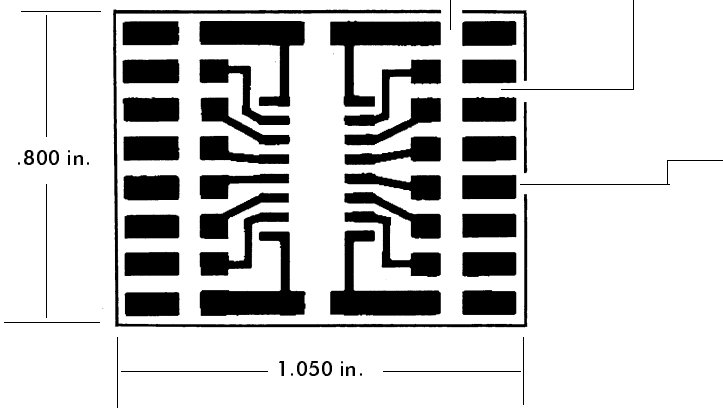
THE BREADBOARDING MEDIUM FOR ***SURFACE MOUNT*** *™*

9000 SERIES FOR I.C.s

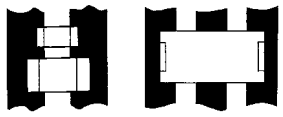
IDS9161 3-9-99

MODEL 9161

ACCEPTS ONE 14 OR 16-PIN S.O.I.C.
OR TWO 8-PIN SOICs
PERIPHERAL BREADBOARDING AREA



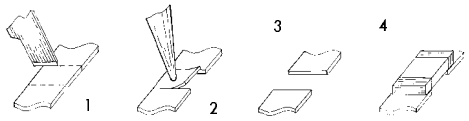
I.C. pins fan out to peripheral part mounting areas capable of accepting several surface mount devices



FOIL MODIFICATIONS EXPAND VERSATILITY

Typical of many Surfboards are large pad areas which which may be modified to create additional part mounting zones or expand layout or connection options.

1: Score foil with sharp razor to define new zone.
2: Apply heat with iron to delaminate foil section.
3: New mounting zone has been created.
4: Solder component to new mounting zone.



The 9161 provides ample space for a variety of medium density surface mount circuit designs. The peripheral part mounting zones and circuit foils permit the installation of devices in-line with the I.C., or across adjoining circuits. Use foil modifications (see right) and jumpers to configure board to meet your needs. Mounting zones for 2-terminal components accept 0805, 1206, Mini-Melf and A-size Tantalum devices. Diodes, inductors, LED's and other devices within size range above can be mounted as well.

NEED MORE SPACE ?
SEE MODEL
9162

I.C. FOOTPRINT
accepts one 14 or 16-pin SOIC, or two 8-pin SOICs.

BOARD SPECIFICATIONS

BOARD MATERIAL:	.031+-.005 In. Thick G-10 FR-4 Glass Epoxy or equivalent.
CIRCUITS:	1oz Copper with solder coated pads.
TOLERANCES:	Given in inches Board Size +- .020 / OAL+-.040 Circuit pattern/position +-.005

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